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Title	Principal Investigator	Institution	Grant Number
2013 Environmental Mutagen Society Annual Meeting	ljungman, mats	Environmental Mutagenesis/Genomics Soc	U13ES023267
A Study of Telomeres in an Arsenic-Exposed Bangladesh Cohort	pierce, brandon lee	University Of Chicago	R01ES020506
Biochemical Basis of Somatic Hypermutation	goodman, myron	University Of Southern California	R01ES013192
Biological Consequences and Repair of Alkylated Thymidine Lesions	wang, yinsheng	University Of California Riverside	R01ES025121
Biological Effects of DNA Adducts Formed by Nitroaromatic Compounds	basu, ashis k	University Of Connecticut Storrs	R01ES009127
Cross-links At Abasic Sites in Duplex DNA	gates, kent s	University Of Missouri-Columbia	R01ES021007
Cross-talking pre-incision events of eukaryotic NER	wani, altaf a	Ohio State University	R01ES012991
Cytoplasmic-nuclear redox signaling: Disruption by dietary cadmium levels	jones, dean paul	Emory University	R01ES023485
DNA Damage Response Following Genotoxin Exposure	wani, altaf a	Ohio State University	R01ES002388
DNA Polymerase Beta Variants and Cancer	sweasy, joann b.	Yale University	R01ES019179
DNA Repair Genes and Proteins of the RAD52 Group	sung, patrick	Yale University	R01ES007061
DNA Repair In A Hormone Responsive Gene	smerdon, michael j	Washington State University	R01ES004106
DNA Repair in Chromatin: The First 40 years (and Beyond)	smerdon, michael j	Washington State University	R13ES025514
DNA Repair-on-a-Chip: Spatially Encoded Microwell Arrays	george, jay	Trevigen, Inc.	R44ES021116
DNA damage induced structural and dynamic changes at telomeres	wang, hong	North Carolina State University Raleigh	R00ES016758
DNA damage recognition by nucleotide excision repair proteins	van houten, bennett	University Of Pittsburgh At Pittsburgh	R01ES019566
DNA-Protein cross-links: cellular effects and repair mechanisms	tretyakova, natalia y	University Of Minnesota	R01ES023350
Developing novel methods to measure DNA repair capacity in human populations	samson, leona d.	Massachusetts Institute Of Technology	DP1ES022576
Effects of Environmental Estrogen Exposure on Spontaneous Copy Number Variation	brown, kim h	Portland State University	R00ES018892

Effects of environmental contamination on gene copy number variation: Molecular b	shaw, joseph r.	Indiana University Bloomington	R01ES019324
Environmentally-modulated cytosine deamination in genome instability and cancer	roberts, steven a	Washington State University	R00ES022633
Eukaryotic DNA Alkylation Repair	samson, leona d.	Massachusetts Institute Of Technology	R01ES022872
Evaluating Photogenotoxicity using 3D Tissue Models	troese, matthew j	Mb Research Laboratories, Inc.	R43ES025098
Genome-wide detection of UV DNA damage by single molecule real time sequencing	aggarwal, aneel k.	Icahn School Of Medicine At Mount Sinai	R21ES024863
Genotoxicity of Chromium Compounds	zhitkovich, anatoly	Brown University	R01ES008786
High throughput assessment of de novo CNV formation in eukaryotic cells	wilson, thomas edward	University Of Michigan	R21ES022311
Homology-directed Chromosome Damage Repair via the BRCA2-PALB2 Axis	sung, patrick	Yale University	R01ES015252
Hypoxia, DNA repair, and gene silencing	glazer, peter m	Yale University	R01ES005775
In utero exposure to endocrine-disrupting chemicals and telomere length at birth	michels, karin b	Brigham And Women'S Hospital	R03ES025348
Inflammation as a Mediator of Dynamic DNA Mutations	delaney, sarah	Brown University	R01ES019296
Interaction of BER proteins with DNA adducts in live human cells	roy, rabindra	Georgetown University	R03ES022857
Linkage of Lung Inflammation to 8-oxoguanine and OGG1	boldogh, istvan steven	University Of Texas Medical Br Galveston	R01ES018948
Mechanism of DNA interstrand crosslink repair in vivo	courcelle, justin	Portland State University	R15ES025953
Mechanism of Mammalian Translesion DNA synthesis	moriya, masaaki	State University New York Stony Brook	R01ES018833
Mechanisms and Crosstalk of DNA Break Resection Pathways	niu, hengyao	Indiana University Bloomington	R00ES021441
Mechanisms of DNA replication and repair	cortez, david k	Vanderbilt University	R21ES022319
Mechanisms of Environmental and Nuclear and Mitochondrial Mutagenesis	bielas, jason h.	Fred Hutchinson Cancer Research Center	R01ES019319
Mechanisms of Telomere Resistance to DNA Lesion Removal	opresko, patricia l.	University Of Pittsburgh At Pittsburgh	R01ES022944
Mechanisms of selective excision and oxidative repair of alkylated DNA	camp, manel	University Of California Santa Cruz	R01ES019625
Molecular Mechanisms of Nitroarene Toxicity	de los santos, carlos r.	State University New York Stony Brook	R01ES017368
NMR studies of a model DNA polymerase	suo, zucai	Ohio State University	R21ES024585
NUCKS, a novel double-strand break repair gene, implicated in cancer biology	wiese, claudia	Colorado State University	R01ES021454

New Developments in Assessing Environmental Exposure and Environmental Mutagenesis	wang, yinsheng	University Of California Riverside	R13ES026043
Novel Interactions of DNA Repair Processes in Replication Fork Maintenance	cooper, priscilla k.	University Of Calif-Lawrenc Berkeley Lab	R01ES019935
Novel deubiquitinating activities targeting DNA damage recognition in NER	gong, feng	University Of Miami School Of Medicine	R21ES024882
Nucleoprotein Structures at Telomeres and Sites of DNA Damage	griffith, jack d	Univ Of North Carolina Chapel Hill	R01ES013773
Oxidative DNA damage processing; role in human pathology and aging	hanawalt, philip courtland	Stanford University	R01ES018834
Oxidative pathways of guanine in DNA	shafirovich, vladimir	New York University	R01ES011589
Polymerase Interactions with Carcinogen-modified DNA	guengerich, f peter	Vanderbilt University	R01ES010375
Quantitative Real-Time DNA Repair Analysis Tools	george, jay	Trevigen, Inc.	R43ES025138
R15 AREA: Replication in the Presence of Oxidative DNA damage	courcelle, justin	Portland State University	R15ES021594
Regulation of the DNA Damage Response	cimprich, karlene a	Stanford University	R01ES016486
Repair of Carcinogen Damaged DNA in Human Chromatin	smerdon, michael j	Washington State University	R01ES002614
Repair of Inflammation-induced DNA damage	lee, seongmin	University Of Texas, Austin	R21ES023101
Repair of Radiation-Induced Crosslink Lesions of DNA	wang, yinsheng	University Of California Riverside	R01ES019873
Replication fork dynamics and repair by Rad51 paralogues after DNA alkylation	bernstein, kara a	University Of Pittsburgh At Pittsburgh	R01ES024872
Role of DNA polymerase eta in errorfree bypass of DNA lesions & cancer prevention	aggarwal, aneel k.	Icahn School Of Medicine At Mount Sinai	R01ES017767
Role of cohesin in lesion bypass in DNA damaged human cells	prakash, louise	University Of Texas Medical Br Galveston	R01ES022948
Role of human DNA polymerase iota in replicative bypass of DNA lesions	aggarwal, aneel k.	Icahn School Of Medicine At Mount Sinai	R01ES021452
SWI/SNF chromatin remodeling in nucleotide excision repair	gong, feng	University Of Miami School Of Medicine	R01ES017784
Suppressors of Eukaryotic Mutator Phenotypes	herr, alan j	University Of Washington	R21ES021544
Synthesis, StructUre and Replication of Carcirogen-Modified Oligonucleotides	rizzo, carmelo j	Vanderbilt University	R01ES016561
The Role of RNA Repair to Cellular Radiation Resistance	schmier, brad joseph	Sloan-Kettering Inst Can Research	F32ES022914
The Role of SHPRH in DNA Damage Tolerance Mechanisms	badura, michelle lynne	Stanford University	F32ES024631

Tools to Study Mammalian Mutagenesis	dertinger, stephen d	Litron Laboratories, Ltd.	R44ES021973
Translesion Synthesis DNA Polymerases and Genome Instability	shcherbakova, polina v	University Of Nebraska Medical Center	R01ES015869
Trinucleotide Repeat Instability via DNA Damage and Repair	liu, yuan	Florida International University	R01ES023569